

FIG. 2

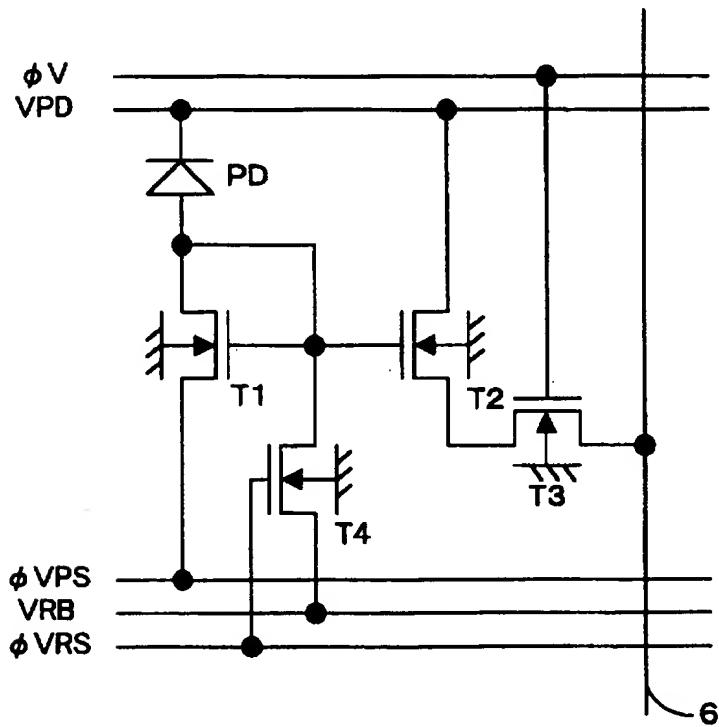


FIG. 3

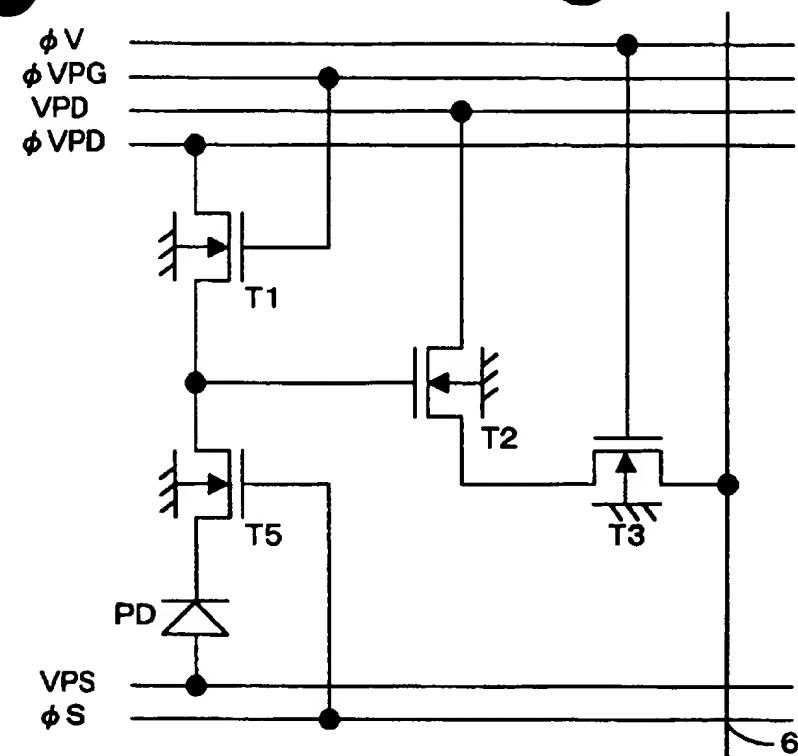


FIG. 4

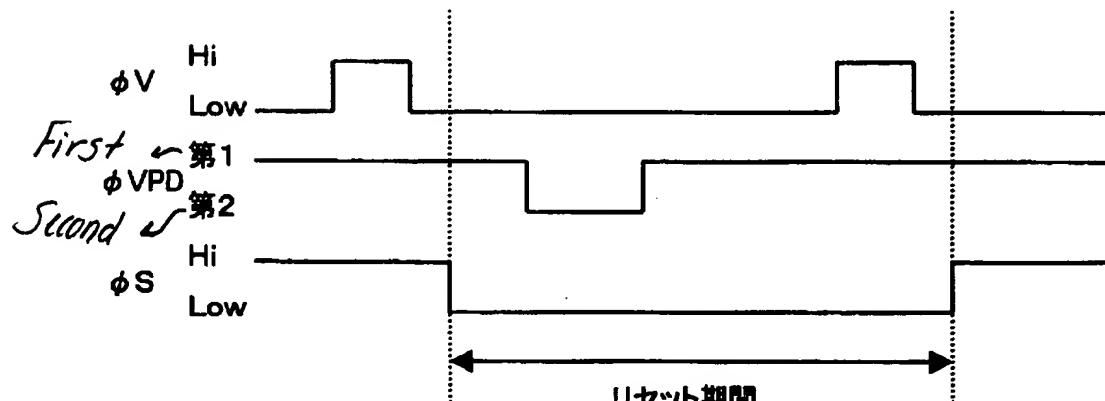


FIG. 5 → Reset period

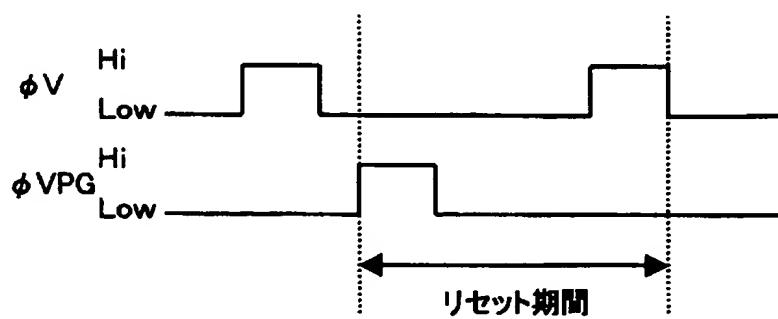
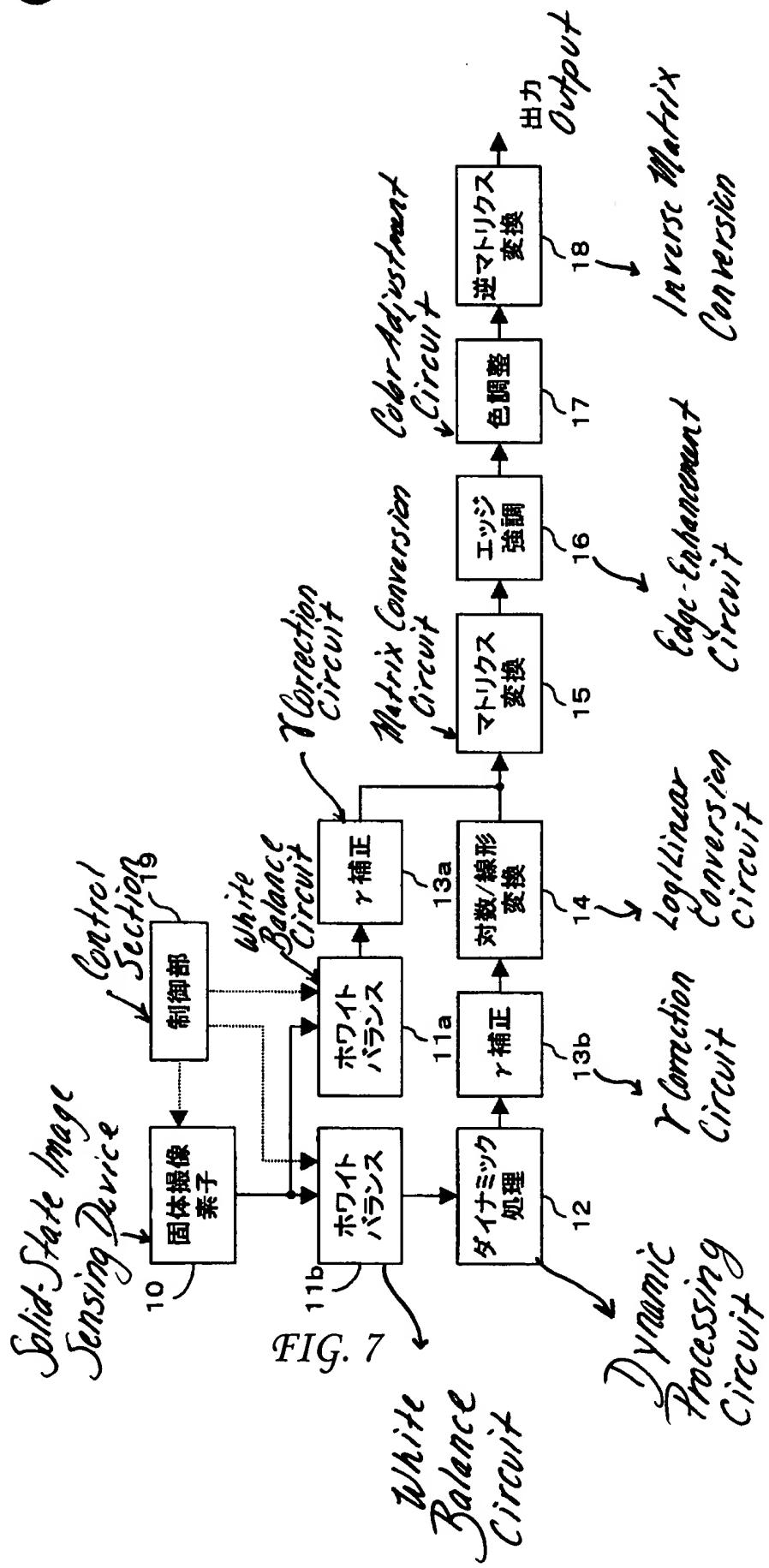
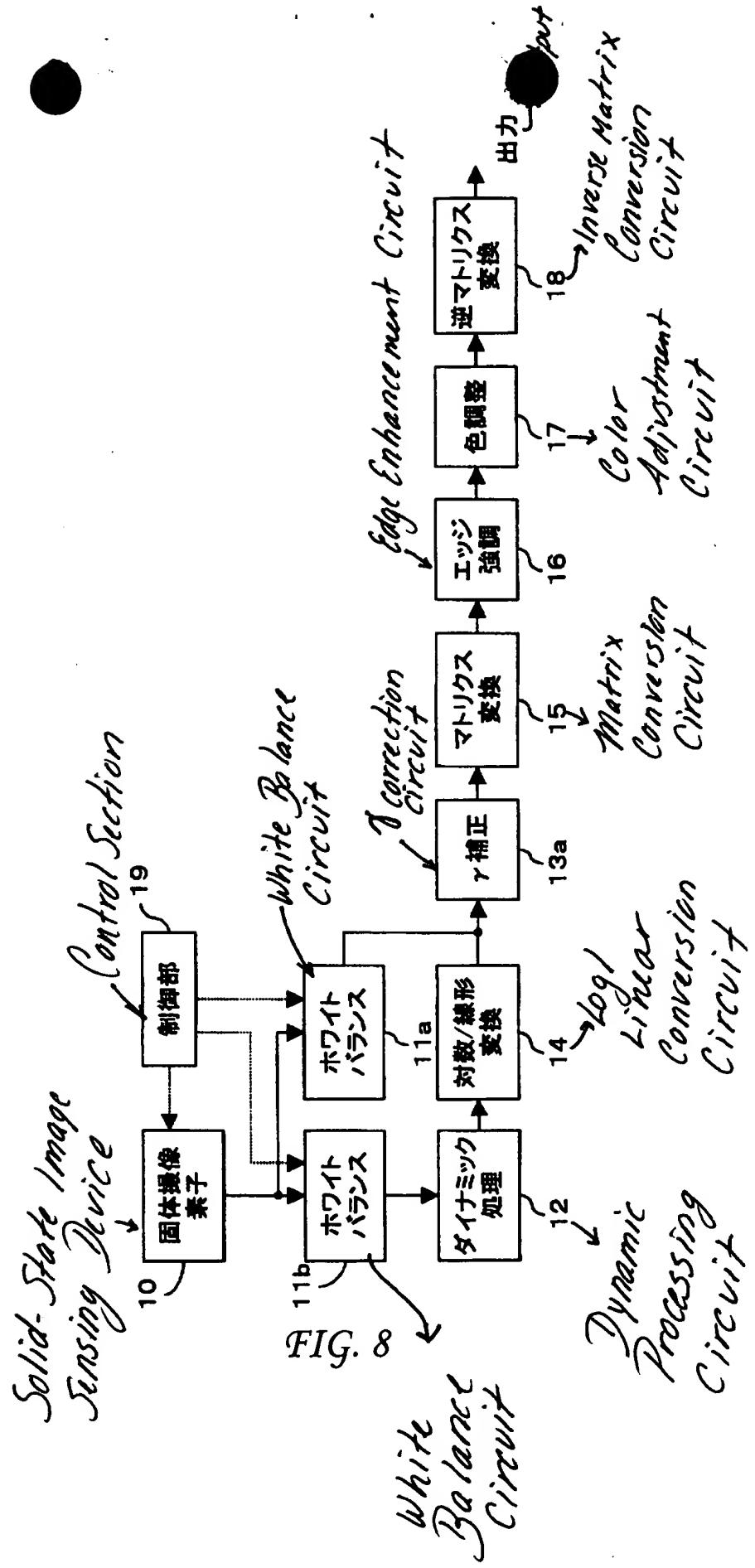


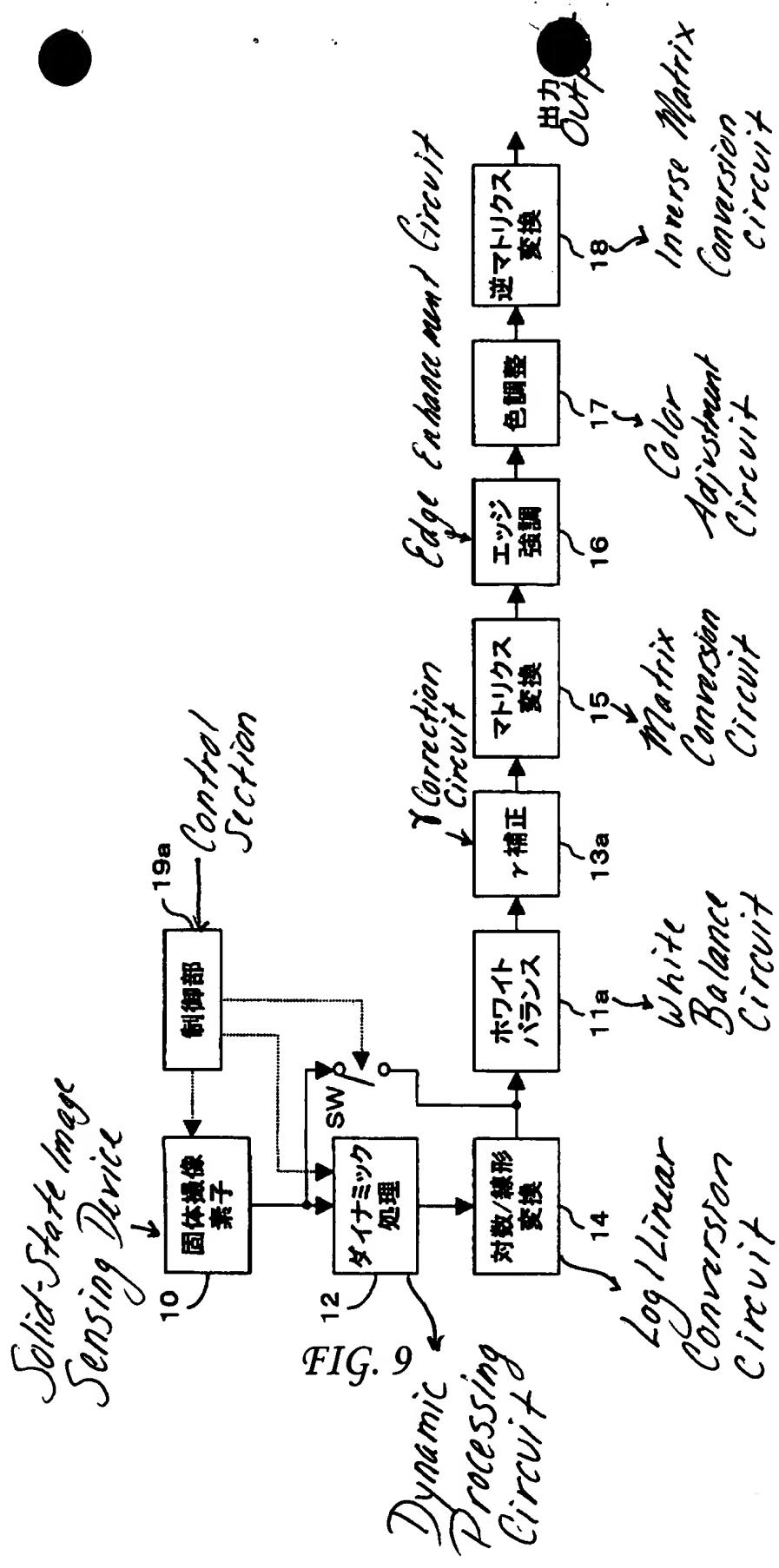
FIG. 6 → Reset period

Solid-State Image
Sensing Device
Control
Sections



Solid-State Image
Sensing Device
Control Section





Solid-State Image
Sensing Device

Control Section

10 固体撮像
素子

12 ダイナミック
処理

19b 削弱部

19b 線形/対数
変換

20 リニア/対数
変換

Dynamic
Processing
Circuit

Matrix Conversion
Circuit

Color adjustment
Circuit

出力 Output

18 逆マトリクス
変換

17 色調整

16 強調

15 マトリクス
変換

14 対数/線形
変換

13b ポワント
補正

11b ホワイト
バランス

Dynamic
Processing
Circuit

White
Balance
Circuit

Log/Linear
Conversion
Circuit

Edge-Enhancement
Circuit

Inverse Matrix
Conversion
Circuit

FIG. 10

Solid-State Image
Sensing Device Control Section

